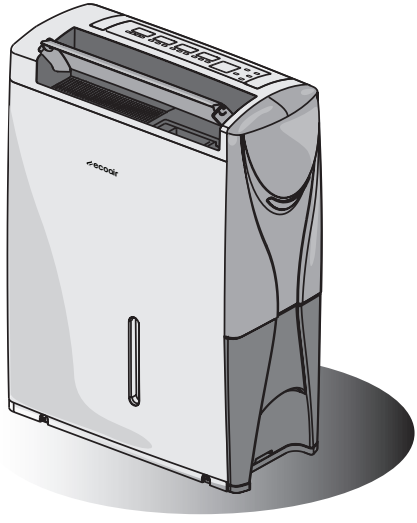
ecoair

USER MANUAL

Hybrid Dehumidifier & Air Purifier
Model: DC202



Read This Manual

Inside you will find many helpful hints on how to use and maintain your hybrid dehumidifier & air purifier correctly.
Just a little preventative care can save you money and prolong the life of your unit.

Thank you for choosing DC202.

ECOAIR TECHNICAL SUPPORT
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IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE OPERATING.

WARNING - This appliance is intended for use in a domestic environment and smaller office use only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injury to person or property.

When using electrical appliances, basic safety precautions should always be followed:

1. Do not operate the unit with a damaged cord or plug, after it malfunctions or has been dropped or damaged in any way. Return to an authorized service facility for examination and repair.
2. This unit should always be kept in an upright position to avoid any damage. The appliance must be placed on a level flat surface during operation.
3. Check the household voltage to ensure it matches the units rated specification before operating.
4. Operate this unit in an ambient temperature between 5°C and 35°C.
5. Ensure that the air inlets and outlets are not blocked or covered.
6. Do not place the unit too close to curtains or other objects - min 40cm.
7. When using the unit to dry wet clothes in the room, please keep the clothing at a safe distance from the unit to prevent water from dropping onto the unit.
8. Never place anything on top of the unit and do not cover with any kind of material while in use.
9. This product is intended for domestic and smaller office use ONLY and not for commercial, industrial or outdoor use.
10. To protect against electrical shocks, do not immerse unit, plug or cord in water, or spray with liquids.
11. Never unplug the power cord without press the "ON/OFF" key to off first, as this could damage the unit.
12. Always unplug the unit when not in use or moving location. To disconnect from the power supply, grip the plug and pull from the power socket. Never pull by the cord.
13. Always empty the water tank before storing the unit away.
14. Close supervision is necessary when any appliance is used by or near children and pets.
15. Do not run power cord under carpeting, or cover with rugs or runners. Arrange the cord away from areas where it may be tripped over.
16. Never operate or store the unit in direct sunlight.
17. To repair the unit, take it to a qualified service engineer. Repairs carried out by unqualified people may cause damage to the unit or injury to persons or property and void the warranty.
18. Where possible, avoid the use of an extension cable as they may overheat and cause a risk of fire. Only use an extension cord after ensuring it is in perfect condition.
19. Do not use the unit without the air filter. Check and replace the 3-in-1 Filter every 3-6 monthes. Check and clean the Nano Silver Filter every two weeks.
20. When using continuous drainage do option position the hose end beneath the level of the outlet. Do not bend the hose.
21. Do not insert fingers or foreign objects such as pins, wire or sticks into the air intake or outlet.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

SAVE AND READ THESE IMPORTANT SAFETY INSTRUCTIONS

BS PLUG WIRING

Wiring Instructions: Should it be necessary to change the plug please note the wires in the mains lead are coloured in accordance with the following code:

BLUE - NEUTRAL
BROWN - LIVE
GREEN AND YELLOW - EARTH

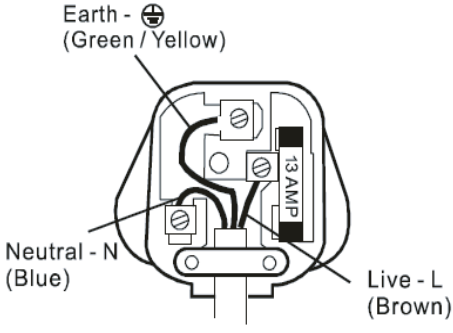
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is the **NEUTRAL** and must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
2. The **BROWN** wire is the **LIVE** and must be connected to the terminal which is marked with the letter **L** or coloured **RED**.
3. The **GREEN/YELLOW** is the **EARTH** and must be connected to the terminal which is marked with the letter **E** or ⏚ or coloured **GREEN** OR **GREEN/YELLOW**.
4. Always ensure that the cord grip is positioned and fastened correctly.

If a **13A** (**BS 1363**) fused plug is used it must be fitted with a **13A** fuse. If in doubt consult a qualified electrician.

Wiring for a 13 Amp Plug (BS1363)

Please note. The Earth Terminal is marked with the letter **E** or ⏚ Earth Symbol.



FEATURES

1. Unique air purifying function

- The unit contains a Silver Nano Filter and a 3-in-1(antiallergic, de-odour, charcoal) Filter.
- Negative ions are expelled with the discharged air to give you fresh and healthy air.
- The unit operates as a dehumidifier and air purifier simultaneously, or simply as an air purifier.

2. Highly efficient drying and dehumidifying

- The unit has three louvre settings, including a wide setting of 140° for drying laundry.
- The rear air intake reclaims circulated air and makes for highly efficient drying.

3. Three running modes and two water level indicators

- Dry, Laundry and Purify modes to choose from.
- Two water level indicators enable easy checking of water level.

4. Movable and compact

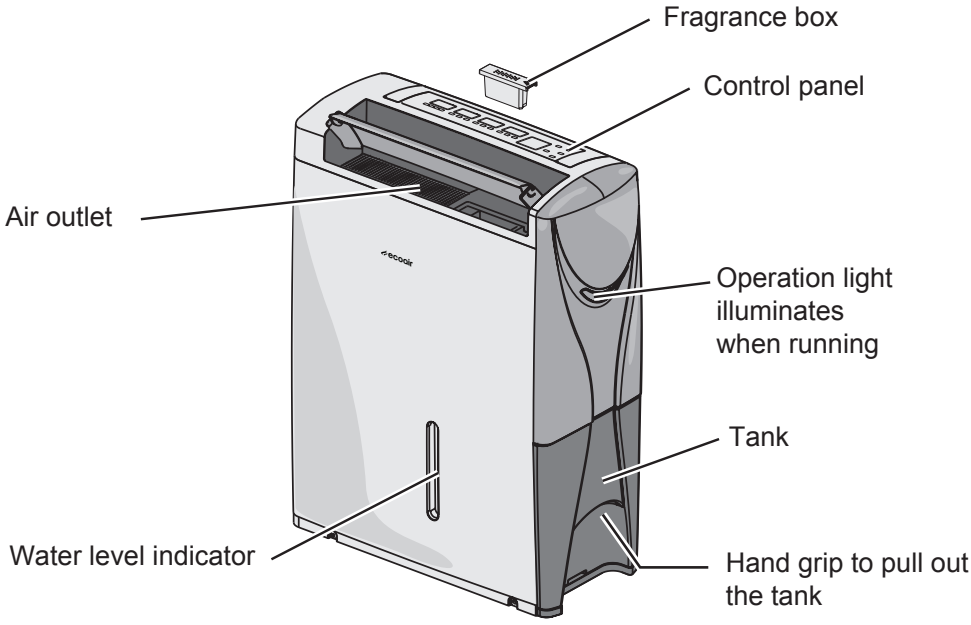
- Compact design with retractable handle makes lifting easy.
- Its slim shape enables storage in laundry rooms or other confined space.

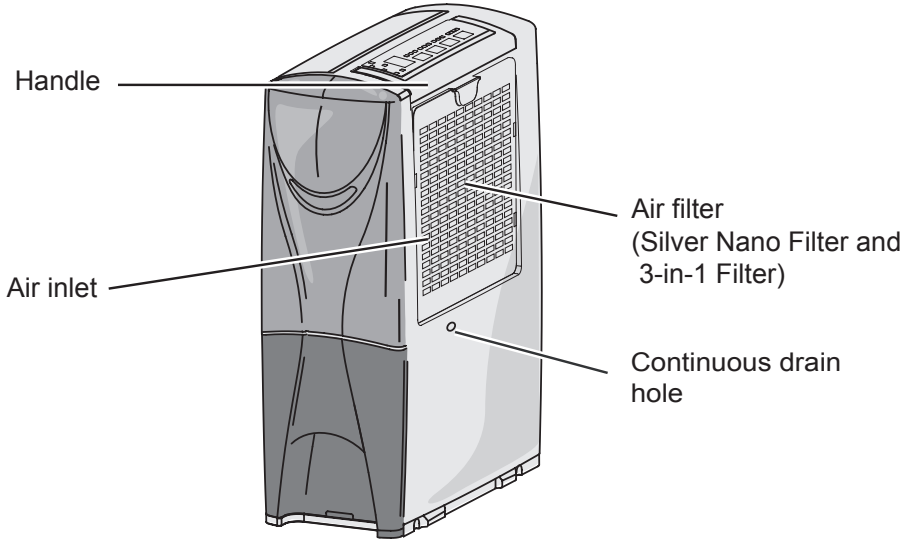
5. Automatic defrost

- Auto defrost ensures operation above at 5°C.

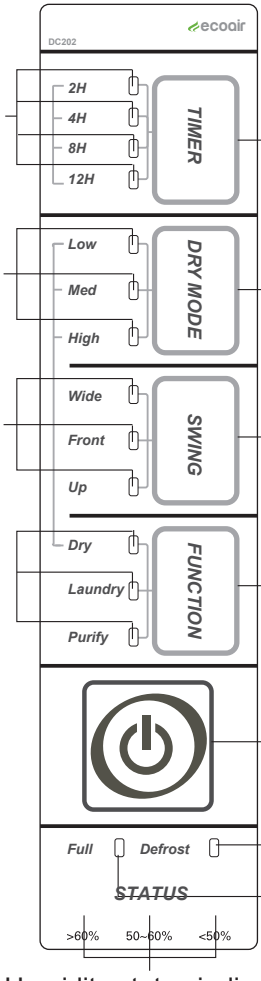
6. Fragrance box provided

- A fragrance box mounted near the air outlet is capable of storing fragrance materials to scent your room or work place, affect your mood, alleviate fatigue, reduce anxiety or promote relaxation.


Fragrance box
Control panel
Air outlet
Operation light
illuminates
when running
Tank
Water level indicator
Hand grip to pull out
the tank


Handle
Air filter
(Silver Nano Filter and
3-in-1 Filter)
Air inlet
Continuous drain
hole

THE CONTROL PANEL



Timer indicators

TIMER key

Humidity indicators

DRY MODE key

Louvre setting indicators

SWING key (Louvre Setting)

Function indicators

FUNCTION key

ON/OFF key

Defrosting indicator

Indicator lights up when the unit is defrosting.

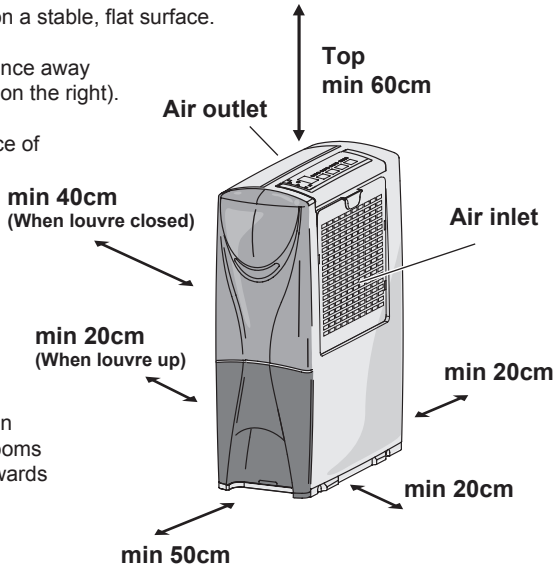
Water Full indicator

Indicator lights up when the tank is full of water or incorrectly installed.

Humidity status indicators

UNIT SETUP

- Place the unit in an upright position on a stable, flat surface.
- Please ensure the unit is a safe distance away from a wall or furniture (see diagram on the right).
- Please keep clothes at a safe distance of 60 cm from air outlet of the unit to prevent water dripping into the unit.

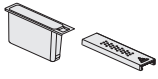


- Where to position your dehumidifier?

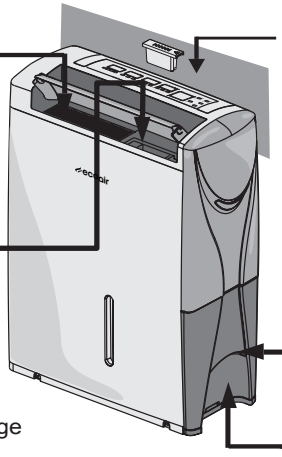
  For best results position the dehumidifier somewhere central like a landing or a hallway.
  As long as the internal doors are open the excess moisture from all of the rooms in the house will migrate naturally towards the dehumidifier and be processed.

TO OPERATE SAFELY

- Do not insert small objects into the unit, this will damage it and cause a hazard.



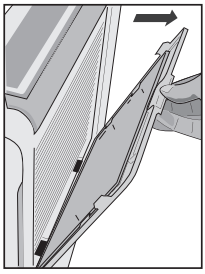
- The fragrance box can be released from the machine for refilling aromatic chemicals or scented materials. When using fragrance liquid, such as essential oil, please drip several drops into the sponge prepared in the box.
  Never fill it too much to overflow.
  Replace the fragrance box firmly in place to prevent access by infants.
  Keep the fragrance box out of reach from small children.



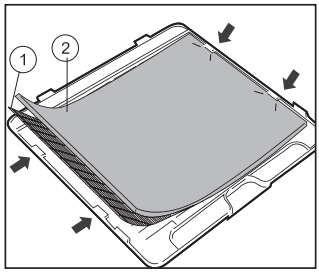
- Keep suitable space as above
- Do not remove tank when running, this will cause water leaking.
- Ensure tank is fitted correctly, if the tank is full or is not in place, the "FULL" light will stay on.

Before using

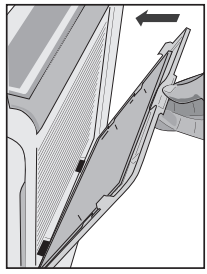
1. Installing silver nano filter and 3-in-1 (antiallergic, de-odour, charcoal) filter.



Remove filter frame from the back



Unpack silver nano filter and 3-in-1 filter and fit as illustrated

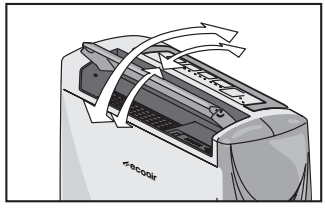


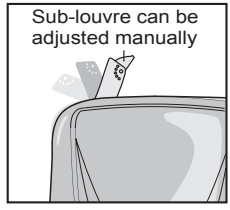
Re-install frame

Before using

2. Automatic louvre adjustment (swing)

The louvre automatically opens when switching on and closes when switching off. Press SWING key to select range. If SWING is off, louvre can be manually adjusted. The sub-louvre on the front of the main louvre can be adjusted for fine tuning, such as for downward airflow.

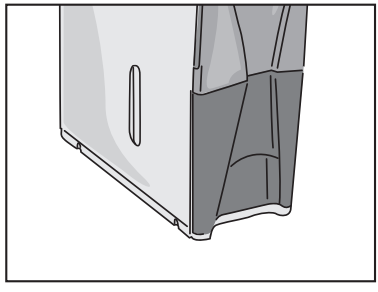


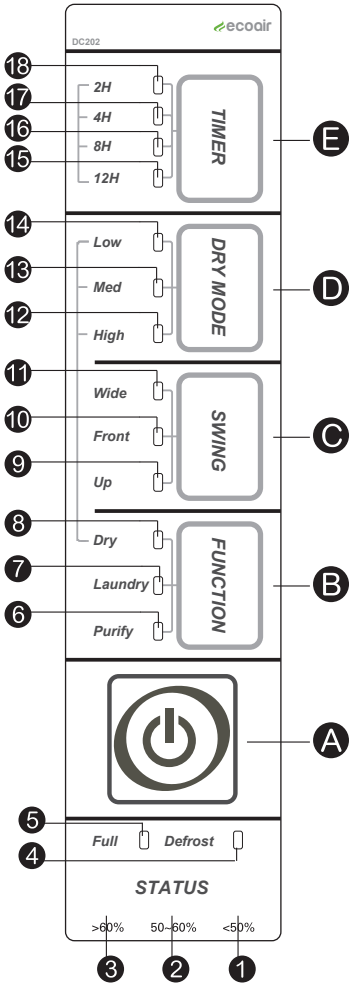


3. Tank must be properly fitted

When Tank is full or not inserted, 'Full' (water indicator light) illuminates and unit will stop running.

Continuous draining is covered on the page 9.





Function keys

Ⓐ ON/OFF key Ⓑ FUNCTION key Ⓒ SWING key (Louvre Setting)
Ⓓ DRY MODE key Ⓔ TIMER key

1. Plug into the mains. Press ON/OFF key Ⓐ to start.
2. Press FUNCTION key Ⓑ to activate functions ❻ ❼ ❽.
3. Press SWING key Ⓒ to select the desired swing function ❾ ❿ ⓫ in order; press again to stop swing.
4. Press DRY MODE key Ⓓ to set the target humidity with one of the indicators on ⓬ ⓭ ⓮ . The Dry mode only operates with "DRY" function in Ⓑ .

Note: If there is no target humidity is selected (No LED on) the unit will continue dehumidifying, no matter what the room humidity is.

5. Press TIMER key Ⓔ to illuminate indicators ⓯ ⓰ ⓱ ⓲. If these lights do not illuminate, continuous dehumidifying is in progress.
6. Press ON/OFF key Ⓐ again to switch off (unplug the unit if it is not to be used for some time).

Note: The compressor is programmed for overload protection, so it will restart in 3 minutes after stopping.

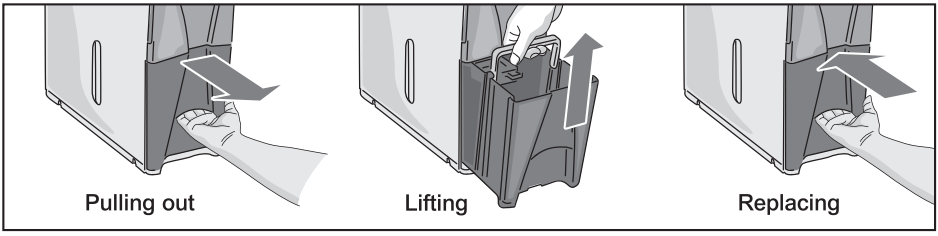
STATUS Indicators

❶ <50%: room humidity is generally below 50%.
❷ 50-60%: room humidity is generally 50-60%.
❸ >60%: room humidity is generally above 60%.
❹ Defrost: flashes when in safe defrosting mode. Stops flashing light upon completion of defrost.
❺ Full: flashes when tank is full or wrongly position. Please empty or reposition.
❻ Purify: the unit is in air purification function, with ionizer on.
❼ Laundry: the unit is producing a large airflow for rapid drying (eg for laundry dry) with ionizer is on.
❽ Dry: the unit is producing a regular airflow for normal drying with Ionizer is on.
❾ Up: the louvre swings upwards to about 80°.
❿ Front: the louvre swings forwards to about 60°.
⓫ Wide: the louvre swings in wide range to about 140°.
⓬ 40-50%: the unit stops dehumidifying automatically when humidity reaches 40-50%.
⓭ 50-60%: the unit stops dehumidifying automatically when humidity reaches 50-60%.
⓮ 60-70%: the unit stops dehumidifying automatically when humidity reaches 60-70%
⓯ 12 hours: the unit stops automatically after 12 hours.
⓰ 8 hours: the unit stops automatically after 8 hours.
⓱ 4 hours: the unit stops automatically after 8 hours.
⓲ 2 hours: the unit stops automatically after 2 hours.

TO EMPTY THE TANK

1. When the tank is full, the "FULL" LED light will illuminate and the unit will stop.

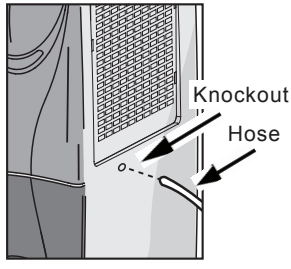
2. Do not move the unit or remove the tank, if the machine is still operating, as water may leak, damage the unit or cause an electric shock.
3. To remove the tank, pull it out gently by gripping the bottom of the tank, and lift carefully. (Turn off for 5 minutes before empty the tank.)
4. Pour the water away, clean the tank and restore the tank to the correct position.



NOTE :

- Clean the tank with clean water if needed. Do not use detergent, solvent, abrasive or hot water to avoid damage to the appliance.
- Do not remove or damage the float in the tank, the unit will not work correctly.
- The "FULL" LED light will stay on until the tank is restore to the correct position.

TO DRAIN WATER (Continuous Drainage)



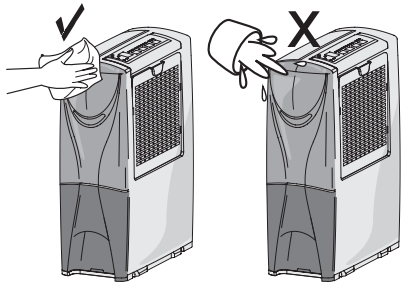
You may use a hose with an inner diameter of 12mm for continuous drainage:

1. Use a screwdriver to remove the knockout at the back. Attach the hose to the connector through the hole.
2. The hose must lead to an appropriate drain at a downward slope with no sharp bends.

Note:

1. Ensure the tank is well fitted in position before inserting the hose.
2. Before removing the tank, ensure that the hose is **disconnected**.

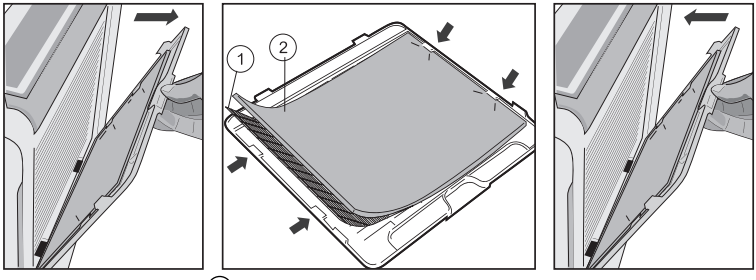
Cleaning the unit



1. Turn off the unit, wait for the fan to stop and unplug from the power socket.
2. Clean the surface with a soft damp cloth.
3. Dry thoroughly with a towel after cleaning.
4. In order to avoid damage, do not wash the machine with water, or let water drip into the air inlet or outlet.

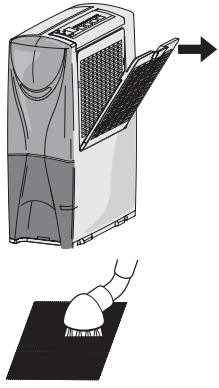
Replacing the deodorizing charcoal filter

1. Switch unit off and remove filter from the back.
2. Do not wash 3-in-1 Filter(2). It should be replaced after 3 to 6 months use.
3. Contact your dealer to obtain new filters.



① Silver Nano Filter
② 3-in-1 (antiallergic, de-odour, charcoal) Filter

Cleaning the filter



If the filter is covered with dust, the airflow and the performance of the unit will be affected. Check the filter periodically to ensure any dust is removed (It is recommended to check and clean the air filter every 2 weeks or an appropriate frequency depending on your usage and air environment).

How to Clean

1. Turn off the unit and remove the filter from the unit.
2. Clean the Silver Nano Filter only with a vacuum cleaner. (Washing with water will weaken the germicidal effect of the filter)
3. Refit the filter.

Before storing

1. Run the unit with Purify mode for at least an hour to dry the inside.
2. Switch off and unplug.
3. Clean and dry the tank.
4. Clean the filter and the unit. Cover the unit to prevent it from gathering dust.
5. Store upright in a cool dry place. Do not expose to direct sunlight.

Normal conditions

The compressor is set to continue running for at least three minutes after the unit is switched off so as to ensure the next use is smooth. Therefore ensure the power is left on during this time. This action also extends the working life the unit.

Troubleshooting

A: Before phoning for service please check the following:

1. If the unit fails to operate:

➡ Is 'FULL' flashing? Is the tank correctly installed? Check and reposition.
➡ Is the unit plugged in?
➡ Is it switched on?
➡ Is the unit defrosting ('Defrost' flashing)?

2. If performance is inefficient:

➡ Check if the filter is dirty and clean it.
➡ Check that air intake and outlet are uncovered.
➡ In case of low ambient temperature and humidity the unit will cut in and out.
➡ Is there any door or window open?
➡ Is steam being generated in the room?
➡ Is the room too big?
➡ Try the laundry mode operation and let it run in this mode for a day.
➡ Is the unit covered?
➡ Is the unit positioned at the required minimum distances away from walls or objects? (See page 6 Unit Setup)

3. If noise is heard:

➡ Is the unit on a horizontal flat surface? Check and move if necessary.
➡ Check if the filter is dirty and clean it.

B. If the problem persists (for example indicator lights flashing on the panel prevent operation and indicate the appliance has identified a fault), unplug the unit and contact the manufacturer.

C. Do not attempt to carry out repairs by yourself.

D. Do not operate the unit if the cable or plug is damaged, but take it to a qualified technician. Unauthorized repairs may damage the unit or cause injury to persons and damage to property, and the guarantee is invalidated.

NOTE:

Please contact EcoAir (Tel: 0845 388 0007) or if outside the UK, your retailer if the problem continues.

Do not try to repair it by yourself, as this could cause an electrical shock and void your warranty.

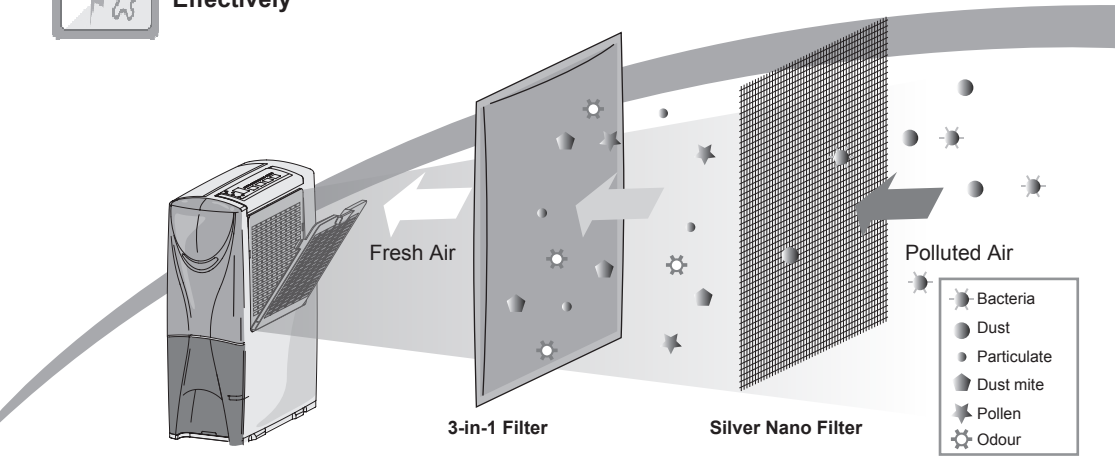
SPECIFICATIONS

Model: DC202
Operating Temperature Range: 5ºC ~ 35ºC
Dehumidification Extraction Rate: 20 litres/day (30ºC, 80%RH)
Water tank capacity: 4 Litres
Power Consumption: 318W
Voltage: 230V~50Hz
Net Weight: 10.7 Kg
Gross Weight: 11.9 Kg
Net Dimension (W x H x D): 517mm x 172mm x 387mm
Gross Dimension (W x H x D): 580mm x 243mm x 455mm

ORDER FORM OVERLEAF

ECOAIR 3-in-1 Filter and Silver Nano Filter
(for DC202)

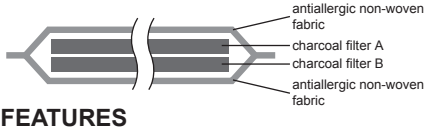
Kill Bacterias Effectively



Benefits Of Using 3-in-1 Filter

The 3-in-1 Filter is a combination of two complex charcoal filters with catalyst agents, and covered by an antiallergic non-woven fabric.

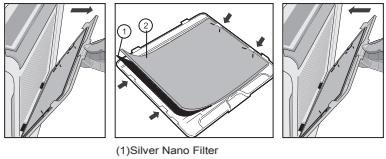
The antiallergic non-woven fabric effectively filters out allergen, such as dust mite and pollens in the air. The two catalyst charcoal filters cam absorb and decompose pollutants and foul smells in the air.



FEATURES

Tips For Replacing 3-in-1 Filter

1. Switch unit off and remove filter from the back.
2. Do not wash 3-in-1 Filter(2). It should be replaced after 3 to 6 months use.
3. Contact your dealer to obtain new filters.



(1)Silver Nano Filter
(2)3-in-1 (antiallergic, de-odour, charcoal) Filter

Benefits Of Using Silver Nano Filter

The Silver Ion attached on the filter releases the Silver ions repeatedly to eliminate bacterias effectively.
The Silver Nano Filter kills bacteria in the air and controls the growth of microbes, such as bacteria, virus, fungi, and spores, by destroying their inner configuration and absorbing the cells elements.

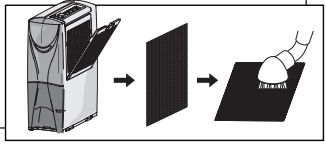
FEATURES

Tips For Cleaning Silver Nano Filter

If the filter is covered with dust, the airflow and the performance of the unit will be affected. Check the filter periodically to ensure any dust is removed (It is recommended to check and clean the air filter every 2 weeks or an appropriate frequency depending on your usage and air environment).

How to Clean

1. Turn off the unit and remove the filter from the unit.
2. Clean the Silver Nano Filter only with a vacuum cleaner. (Washing will weaken the germicidal effect of the filter)
3. Replace the filter in position.



EcoAir, Unit 7 Properller Park, 400 North Circular Road, London NW10 0AB
Tel: 0845 388 0005 | Fax: 0845 388 9313 | Email: orders@ecoair.org | Website: www.ecoair.org

Note: Due to our policy of innovation some specifications may be changed without notification .

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Post Order Form

Your Details

Company Name:
Name:
Address:
Post code:
Telephone:
Mobile:
Fax / Email:

Model Number	Description of Item	Quantity	Unit Price	£ Amount
P5a-745900500	ECOAIR Silver Nano Filter (DC202)			
P5b-745900510	ECOAIR 3-in-1 Filter (DC202)			
	Total			

Payment Details (Please tick one below)

Credit ☐ or Debit Card ☐ or Cheque ☐

Visa ☐ Master Card ☐ Solo ☐ Visa Electron ☐

Card Number: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Name on card: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Issue Date: ☐☐ /☐☐
Expiry Date: ☐☐ /☐☐ Issue No (where applicable): ☐☐

Card Security No: ☐☐☐ (Last 3 digits on the signature strip on the reverse of your card)
Customer Signature:

.....
Name:
Date:

Fax Form To Us

Fax: 0845 388 9313

Mail Form To Us

EcoAir Unit 7 Propeller Park,
400 North Circular Road,
London NW10 0AB
Tel: 0845 388 0005

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Order Today By Fax, Post Or Via Online
More Information: http://www.ecoair.org

GUARANTEE CARD

TWO (2) YEAR LIMITED GUARANTEE
SAVE THIS GUARANTEE INFORMATION

EcoAir guarantees this product free from defects in materials and workmanship for a period of Two (2) years from the date of purchase. Coverage is valid only with proof of purchase.

Exclusions: This guarantee does not cover:-

Products used in the conditions other than the settings recommended and at the voltage indicated.

Products used in a commercial setting or dusty environment.

Service which do not involve malfunction or defects in materials or workmanship or those used other than in accordance with provided instructions.

Appliance acquired second hand.

Surcharges including, but not limited to, any after hour, weekend or holiday service calls and delivery charges.

Damages caused by services performed by unauthorised service companies or use of parts other than genuine EcoAir parts or external causes; such as abuse, incorrect power supply, accidents, fires or acts of God.

Replacement accessories such as filters.

This guarantee is in addition to, and does not affect, your Statutory Rights.

We recommend that you note the details of your purchase below and retain your original proof of purchase receipt with this user guide. Keep these documents safe in the event of a guarantee claim.

Date of purchase:

Retailer Name:

Serial number:

This limited guarantee only applies in the United Kingdom. Where the product has been taken from the country it was purchased, the guarantee may be invalidated. However, we will always do our best to assist you in your new country of residence. EcoAir authorises no person to change or add to any obligations under this guarantee. Obligations for service and parts under this guarantee must be performed by EcoAir or an authorised service company. Product features or specification described may be subject to change without notice.

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